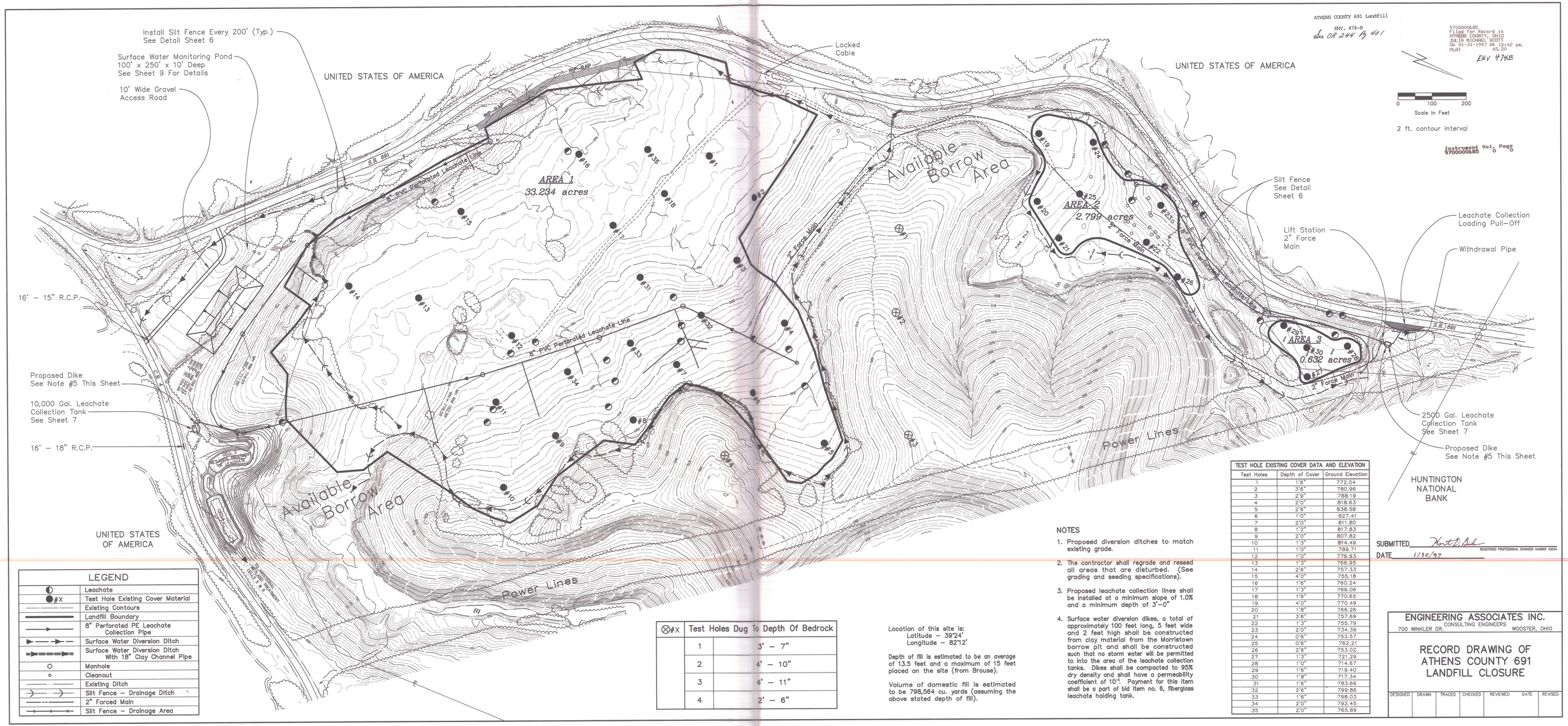
ATHENS COUNTY 691 Landfill

ENV. 474-B
See OR 244 Pg 401

9700000685
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
On 01-31-1997 At 12:42 pm.
PLAT 45.20

ENV 474B



LEGEND	
◐	Leachate
●#X	Test Hole Existing Cover Material
	Existing Contours
	Landfill Boundary
	8" Perforated PE Leachate Collection Pipe
	Surface Water Diversion Ditch
	Surface Water Diversion Ditch With 18" Clay Channel Pipe
○	Manhole
○	Cleanout
	Existing Ditch
	Silt Fence – Drainage Ditch
	2" Forced Main
	Silt Fence – Drainage Area

⊗#X	Test Holes Dug To Depth Of Bedrock	
	1	3' – 7"
	2	4' – 10"
	3	4' – 11"
	4	2' – 6"

Location of this site is:
Latitude – 39°24'
Longitude – 82°12'

Depth of fill is estimated to be an average of 13.5 feet and a maximum of 15 feet placed on the site (from Brouse).

Volume of domestic fill is estimated to be 798,564 cu. yards (assuming the above stated depth of fill).

NOTES

1. Proposed diversion ditches to match existing grade.
2. The contractor shall regrade and reseed all areas that are disturbed. (See grading and seeding specifications).
3. Proposed leachate collection lines shall be installed at a minimum slope of 1.0% and a minimum depth of 3'–0"
4. Surface water diversion dikes, a total of approximately 100 feet long, 5 feet wide and 2 feet high shall be constructed from clay material from the Morristown borrow pit and shall be constructed such that no storm water will be permitted to into the area of the leachate collection tanks. Dikes shall be compacted to 95% dry density and shall have a permeability coefficient of 10^{-5}. Payment for this item shall be a part of bid item no. 6, fiberglass leachate holding tank.

TEST HOLE EXISTING COVER DATA AND ELEVATION		
Test Holes	Depth of Cover	Ground Elevation
1	1'6"	772.04
2	3'6"	780.96
3	2'9"	788.19
4	2'0"	818.63
5	2'6"	838.58
6	1'0"	827.41
7	2'0"	811.80
8	1'2"	817.83
9	2'0"	807.82
10	1'3"	814.49
11	1'0"	789.71
12	1'0"	776.93
13	1'3"	766.95
14	2'6"	757.33
15	4'0"	755.18
16	1'6"	760.24
17	1'3"	766.06
18	1'6"	770.65
19	4'0"	770.49
20	1'8"	766.26
21	3'6"	757.69
22	1'3"	755.79
23	2'0"	734.39
24	0'6"	753.57
25	0'6"	762.21
26	2'6"	753.02
27	1'3"	721.29
28	1'0"	714.67
29	1'6"	719.40
30	1'8"	717.34
31	1'6"	783.66
32	2'6"	799.86
33	1'6"	798.03
34	2'0"	792.45
35	2'0"	765.89

SUBMITTED Kurt D. Bah
REGISTERED PROFESSIONAL ENGINEER NUMBER 43534
DATE 1/30/97

ENGINEERING ASSOCIATES INC.
CONSULTING ENGINEERS
700 WINKLER DR. WOOSTER, OHIO

RECORD DRAWING OF ATHENS COUNTY 691 LANDFILL CLOSURE

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED

M:\92062\AUTOCAD\SDSK-72\ATHENSCO Thu Jan 30 00:04:55 1997